

CLAIMS

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1. A protective fabric substrate comprising:
a plurality of warp yarns densely interwoven with a plurality of fill yarns;
wherein a denier of the fill yarn is not equal to a denier of the warp yarn.
2. ~~The protective fabric substrate as claimed in claim 1 wherein the denier of the fill yarn is greater than the denier of the warp yarn.~~
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3. ~~The protective fabric substrate as claimed in claim 2 wherein the denier of the fill yarn is at least 1.5 times greater than the denier of the warp yarn.~~
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4. ~~The protective fabric substrate as claimed in claim 1 wherein at least some of the yarns are staple yarns.~~
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5. ~~The protective fabric substrate as claimed in claim 1 further including a layer of epoxy resin applied to the substrate.~~
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6. A protective fabric substrate comprising:
a plurality of warp yarns densely interwoven with a plurality of fill yarns;
wherein a warp crimp is greater than a fill crimp; and
wherein a denier of the fill yarn is greater than a denier of the warp yarn.
7. ~~The protective fabric substrate as claimed in claim 6 wherein the warp crimp is at least five times greater than the fill crimp.~~
8. The protective fabric substrate as claimed in claim 6 wherein the fill yarn denier is at least 1.5 times greater than the warp yarn denier.

9. A protective fabric/substrate comprising:

a substrate including a plurality of warp yarns densely interwoven with a plurality of fill yarns; and

a layer of the epoxy resin applied to the substrate.

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